

#### LA-UR-21-27700

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Title: Training Slides for Down Blending Data Collection

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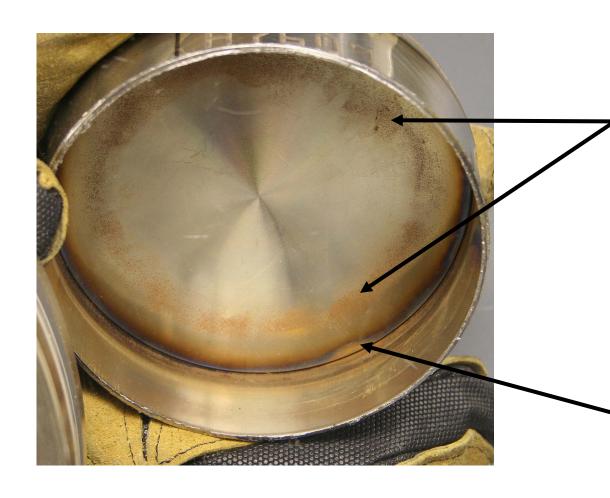
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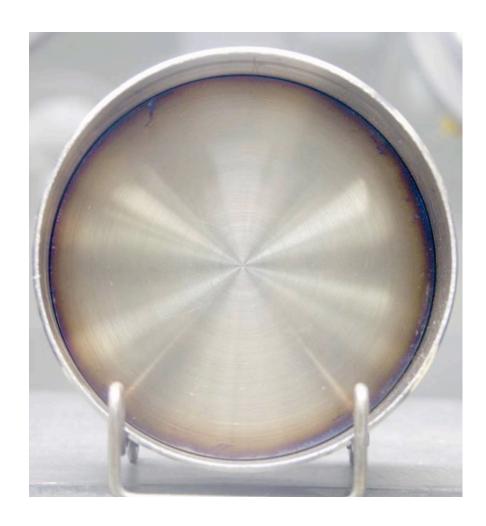
#### Inner container lid – condition to report



Any container with a ring of pitting corrosion the same or worse than this must be reported.

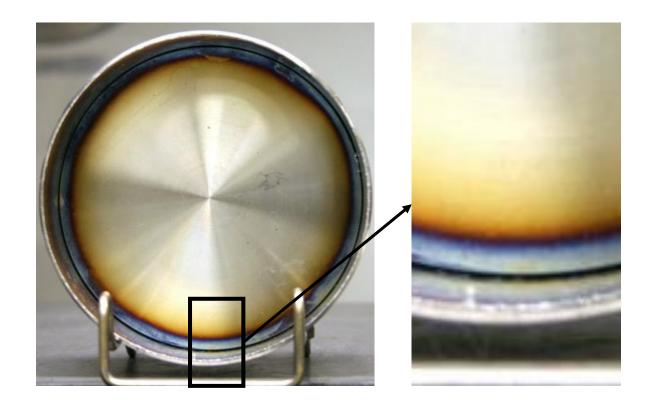
This is the only condition of the lid that has been identified as a condition of concern. If the operator sees a condition which in their opinion is the same or worse corrosion than this, then that lid should be reported and evaluated by Engineering.

This brown feature associated with the weld heat tint (WHT) is not required to be present if the ring of corrosion is present.



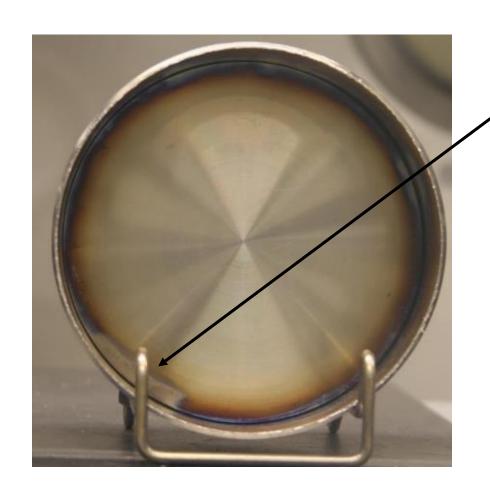
Welding produces a weld heat tint (WHT) with appearances that can vary widely. This WHT is dark blue with some white features. This is an example of a small WHT area. This lid is likely typical of most lids. This lid is not to be reported.

The WHT is more susceptible to corrosion and features commonly occur associated with the WHT, which have been evaluated by the MIS program and found not to be of concern. Features associated with the WHT alone are not to be reported.



The WHT occurs around the entire circumference of the lid near the sidewall.

This example shows a bluish, bluish-white WHT with very dark regions fading toward the center.



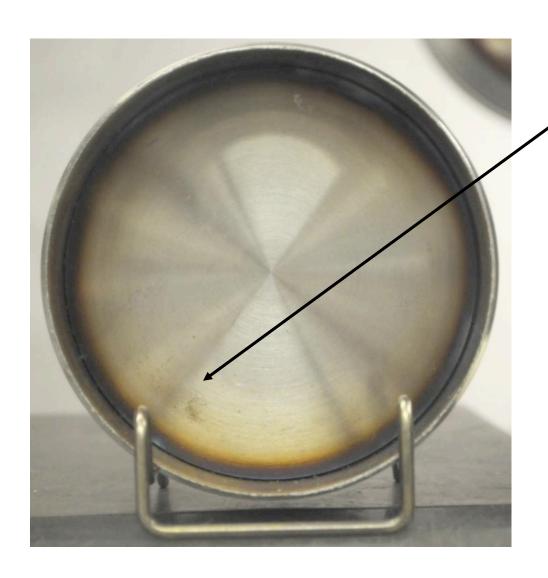
This WHT has a large brownish discoloration. This lid is not to be reported.



This image of a container lid has many features that appear to be of concern, but it lacks a significant ring of pitting corrosion. This lid is not to be reported.



This container lid has features associated with the WHT that extend towards the center of the lid. But it lacks the ring of pitting corrosion. This lid is not to be reported.

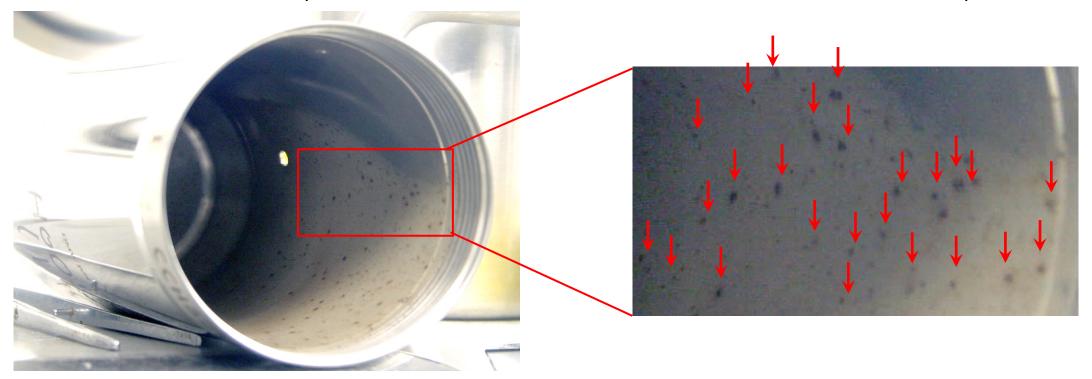


This container lid has pitting corrosion, but it is not a significant ring of pitting corrosion. This lid is not to be reported.

# Inner container body – condition to report

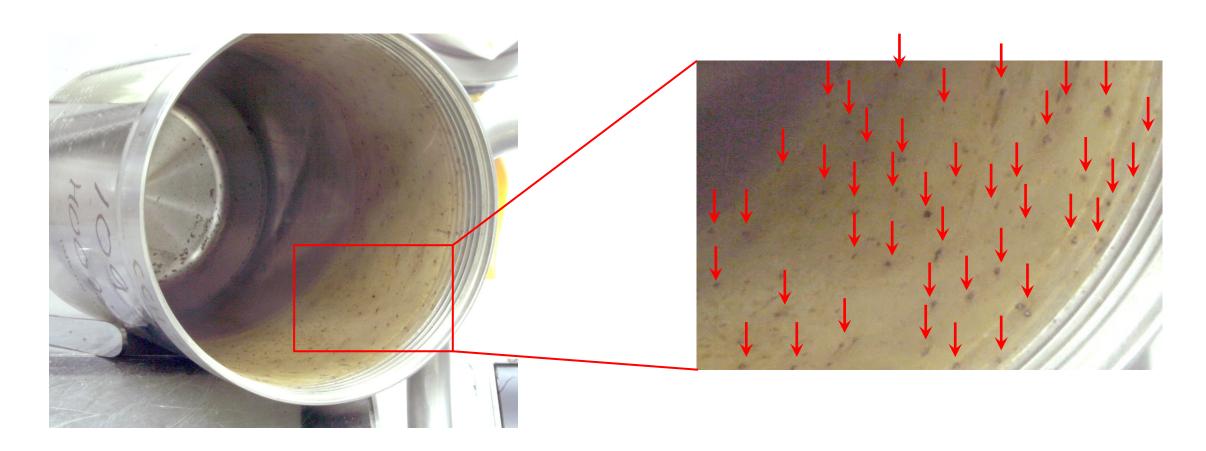
Corrosion can also occur on the inner container wall (as opposed to dust). Any inner container with corrosion on the sidewall must be reported. This condition has not been observed in any DE to date, so no image of the condition is available.

The image below is of a convenience container with corrosion on the sidewall. It would be difficult to distinguish corrosion from dust on the inner container sidewall. The distinguishing features are the localized corrosion spots. Any inner container with corrosion spots similar to these is considered to have corrosion and must be reported.

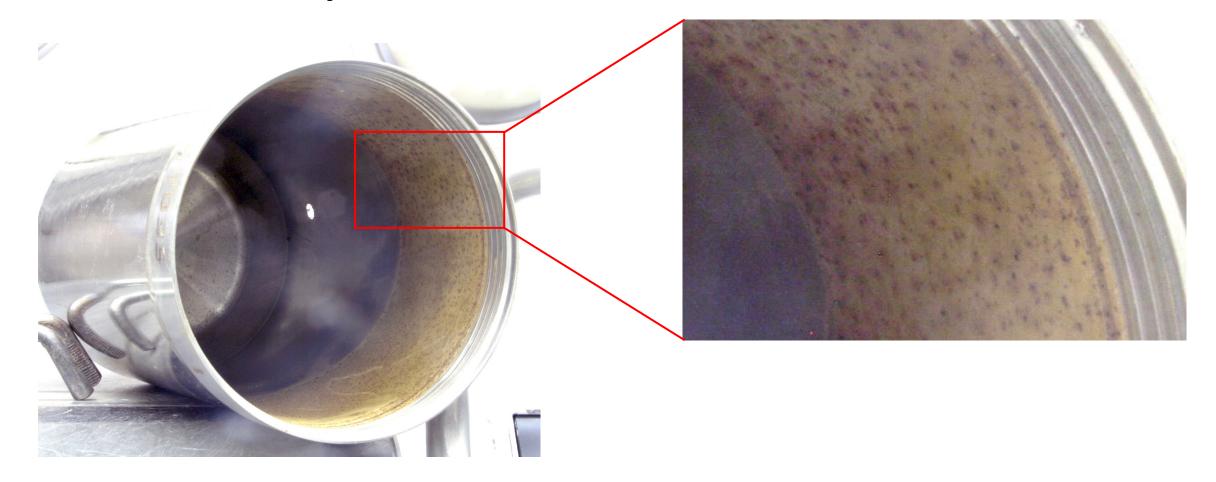


Examples follow of convenience containers with worse corrosion on the container wall that must be reported if observed on inner container.

# Thick coating with high density of corrosion spots – condition to report



# Thick coating with very high density of corrosion spots – condition to report



### Inner container body – condition not to report

The inner wall of the inner container can have a coating of dust as shown in this image. This coating of dust without corrosion spots should not be reported.

